|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | precision | recall | F1-score | support |
| 0 | 0.00 | 0.00 | 0.00 | 3 |
| 1 | 0.33 | 0.25 | 0.29 | 4 |
| 2 | 0.62 | 0.80 | 0.70 | 10 |
| 3 | 0.83 | 0.67 | 0.74 | 15 |
| 4 | 0.86 | 0.94 | 0.90 | 32 |
| 5 | 0.95 | 0.97 | 0.96 | 36 |
|  |  |  |  |  |
| accuracy |  |  | 0.84 | 100 |
| macro avg | 0.60 | 0.60 | 0.60 | 100 |
| weighted avg | 0.81 | 0.84 | 0.82 | 100 |

shows precision and accuracy of Linear Regression model

|  |  |  |
| --- | --- | --- |
|  | No. of tress in Forest | Accuracy scores for Random Forest Classification |
| 0 | 100 | 0.90 |
| 1 | 200 | 0.91 |
| 2 | 300 | 0.91 |
| 3 | 500 | 0.90 |
| 4 | 700 | 0.90 |

shows precision and accuracy of Random Forest model

|  |  |  |
| --- | --- | --- |
| **Models** | **Data** | **Accuracy (%)** |
| Linear Regression | 500 persons data | 84 |
| Random Forest | 500 persons data | 91% |
|  |  |  |
|  |  |  |

shows accuracy of Linear Regression and Random Forest Models